

RECEIVED #14

BIOTECHNOLOGY
SYSTEMS
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APR 01 2003

TECHNICAL CENTER 1600/2900

RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

09/970,624A

Source:

1600

Date Processed by STIC:

3/24/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) **INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,**
- 2) **TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY**

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. **EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)**
2. **U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202**
3. **Hand Carry directly to:**
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. **Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202**

Revised 01/29/2002

RECEIVED
APR 01 2003
TECH CENTER 1600/2900



1600

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/970,624A

DATE: 03/24/2003

TIME: 15:19:40

Input Set : A:\1263SEQLIST.TXT

Output Set: N:\CRF4\03242003\I970624A.raw

4 <110> APPLICANT: Bruce, Wesley B.
 6 <120> TITLE OF INVENTION: A Nitrate-Responsive Root
 7 Transcriptional Factor
 9 <130> FILE REFERENCE: 1263
 11 <140> CURRENT APPLICATION NUMBER: US 09/970,624A
 12 <141> CURRENT FILING DATE: 2001-10-04
 14 <150> PRIOR APPLICATION NUMBER: US 60/238,292
 15 <151> PRIOR FILING DATE: 2000-10-05
 17 <160> NUMBER OF SEQ ID NOS: 3
 19 <170> SOFTWARE: FastSEQ for Windows Version 4.0

ERRORED SEQUENCES

*ppr 2-4**Does Not Comply
Corrected Diskette Needed**P.2*

105 <210> SEQ ID NO: 2
 106 <211> LENGTH: 240
 107 <212> TYPE: PRT
 108 <213> ORGANISM: Zea mays
 110 <400> SEQUENCE: 2
 111 Met Gly Arg Gly Lys Ile Val Ile Arg Arg Ile Asp Asn Ser Thr Ser
 112 1 5 10 15
 113 Arg Gln Val Thr Phe Ser Lys Arg Arg Asn Gly Ile Phe Lys Lys Ala
 114 20 25 30
 115 Lys Glu Leu Ala Ile Leu Cys Asp Ala Glu Val Gly Leu Val Ile Phe
 116 35 40 45
 117 Ser Ser Thr Gly Arg Leu Tyr Glu Tyr Ser Ser Thr Ser Met Lys Ser
 118 50 55 60
 119 Val Ile Asp Arg Tyr Gly Lys Ala Lys Glu Glu Gln Gln Val Val Ala
 120 65 70 75 80
 121 Asn Pro Asn Ser Glu Leu Lys Phe Trp Gln Arg Glu Ala Ala Ser Leu
 122 85 90 95
 123 Arg Gln Gln Leu His Asn Leu Gln Glu Asn Tyr Arg Gln Leu Thr Gly
 124 100 105 110
 125 Asp Asp Leu Ser Gly Leu Asn Val Lys Glu Leu Gln Ser Leu Glu Asn
 126 115 120 125
 127 Gln Leu Glu Thr Ser Leu Arg Gly Val Arg Ala Lys Lys Asp His Leu
 128 130 135 140
 129 Leu Ile Asp Glu Ile His Asp Leu Asn Arg Lys Ala Ser Leu Phe His
 130 145 150 155 160
 131 Gln Glu Asn Thr Asp Leu Tyr Asn Lys Ile Asn Leu Ile Arg Gln Glu
 132 165 170 175
 133 Asn Asp Glu Leu His Lys Lys Ile Tyr Glu Thr Glu Gly Pro Ser Gly
 134 180 185 190

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/970,624A

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Input Set : A:\1263SEQLIST.TXT

Output Set: N:\CRF4\03242003\I970624A.raw

135 Val Asn Arg Glu Ser Pro Thr Pro Phe Asn Phe Ala Val Val Glu Thr

136 195 200 205

137 Arg Asp Val Pro Val Gln Leu Glu Leu Ser Thr Leu Pro Gln Gln Asn

E--> 138

210

215

220

↑ Asn Ile Glu Pro Ser Thr Ala Prc

insert
hand return)

09/970,624A

3

<210> 3

<211> 36 Artificial

<212> DNA

<213> Artificial Sequence

<400> 3

tcgacccacg cgtccgaaaa aaaaaaaaaaa aaaaaaa

see p. 4 for additional error explanation

36

4
RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/970,624A

DATE: 03/24/2003
TIME: 15:19:41

Input Set : A:\1263SEQLIST.TXT
Output Set: N:\CRF4\03242003\I970624A.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:2; Line(s) 138

Use of <220> Feature(NEW RULES):

Sequence(s) are missing the <220> Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213> ORGANISM is "Artificial Sequence"
or "Unknown". Please explain source of genetic material in <220> to <223>
section (See "Federal Register," 6/01/98, Vol. 63, No. 104, pp.29631-32)
(Sec.1.823 of new Rules)

Seq#:3

error explanation

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/970,624A

DATE: 03/24/2003

TIME: 15:19:41

Input Set : A:\1263SEQLIST.TXT

Output Set: N:\CRF4\03242003\I970624A.raw

L:101 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:1
L:138 M:252 E: No. of Seq. differs, <211> LENGTH:Input:240 Found:224 SEQ:2
L:143 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:3
L:145 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ#:3, <213>
ORGANISM:Artificial Sequence
L:145 M:258 W: Mandatory Feature missing, <223> Tag not found for SEQ#:3, <213>
ORGANISM:Artificial Sequence
L:145 M:258 W: Mandatory Feature missing, <223> Blank for SEQ#:3,Line#:145